

360 0080 00000000

FIG. 1 PRIOR ART

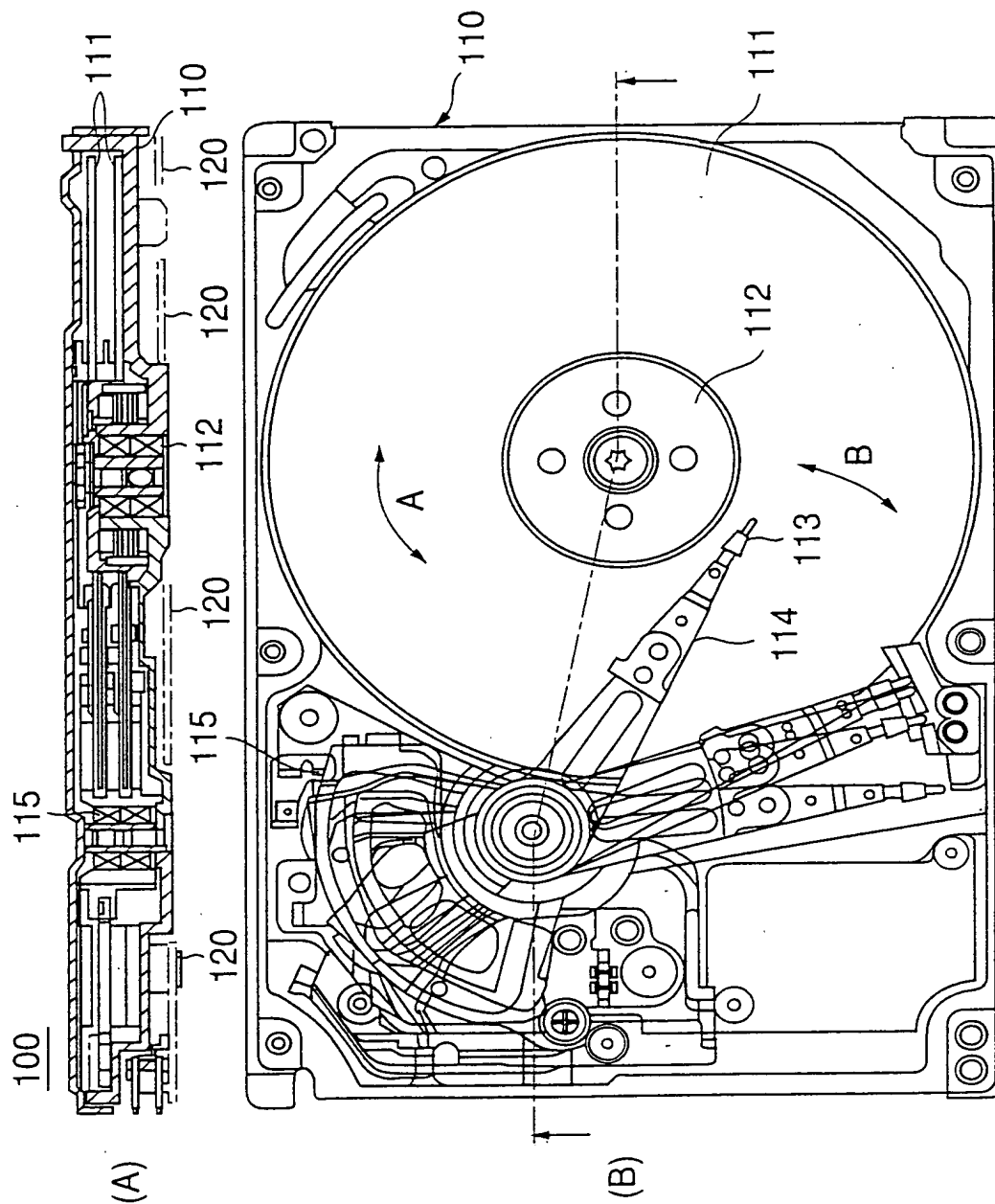


FIG. 2 PRIOR ART

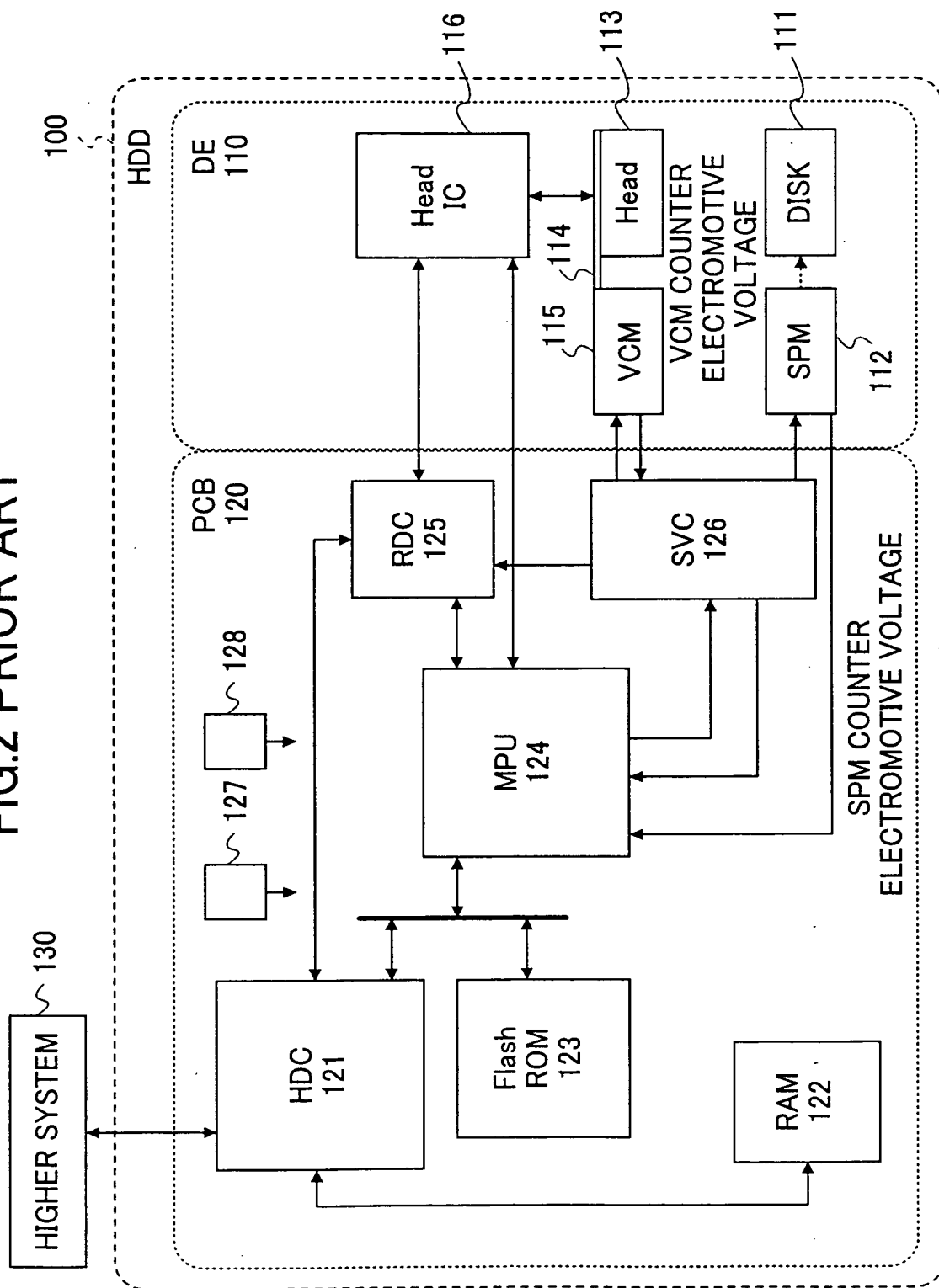


FIG. 3 PRIOR ART

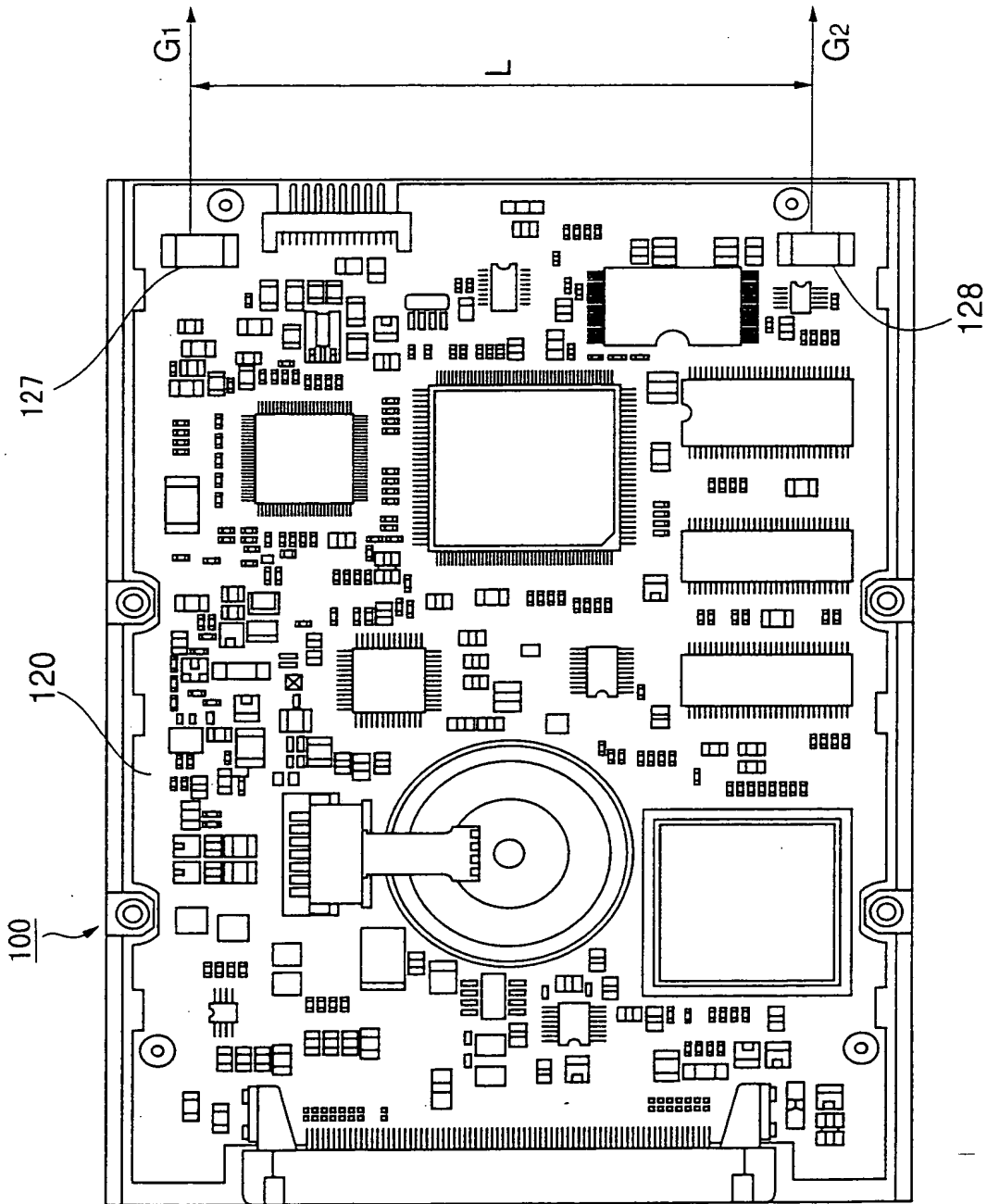
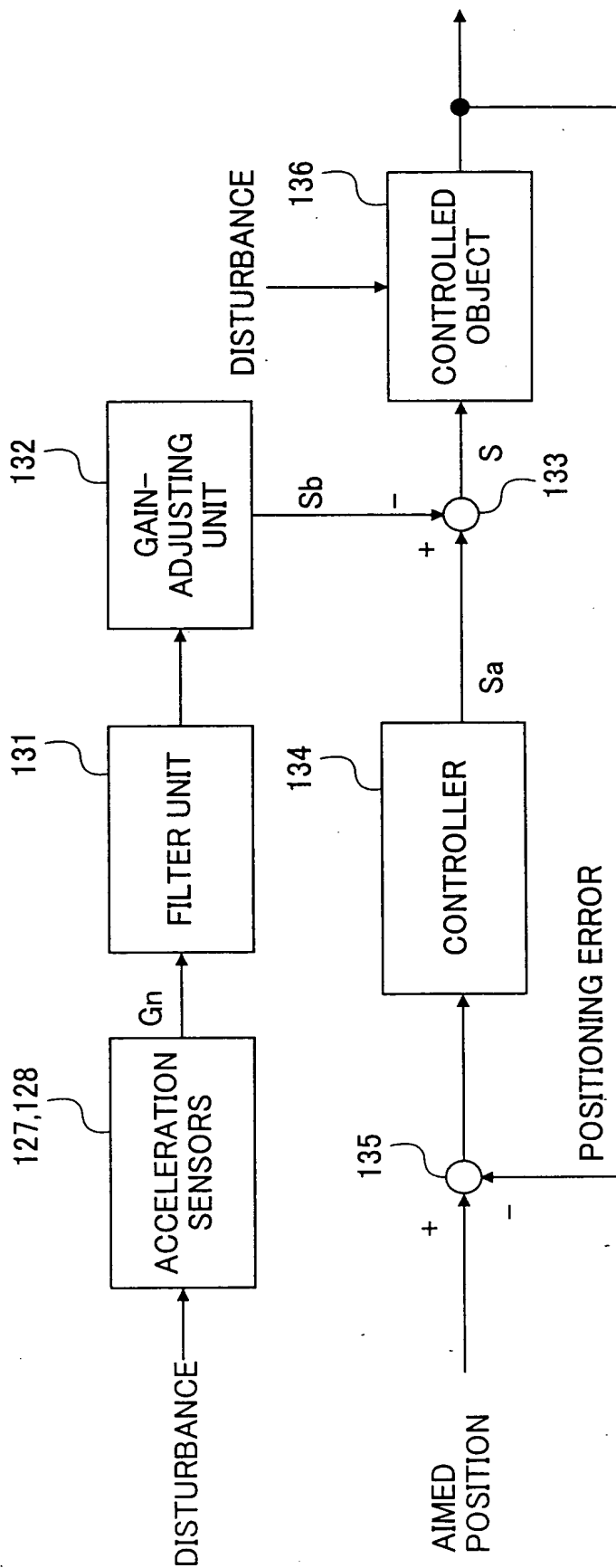


FIG. 4 PRIOR ART



360 0080 (312)

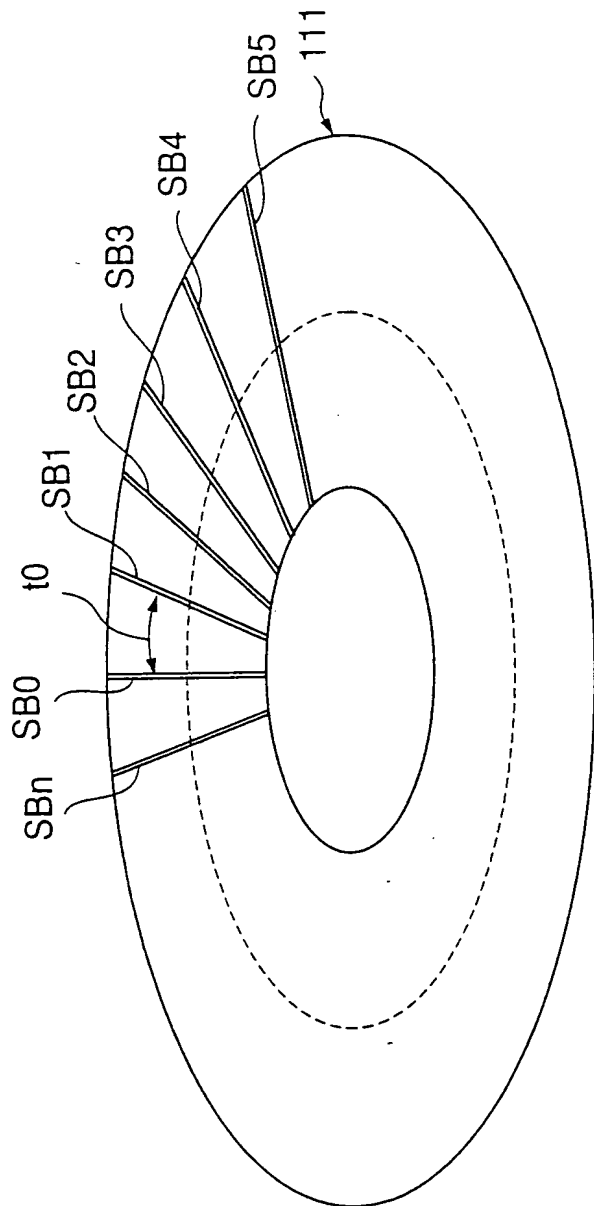


FIG. 5A

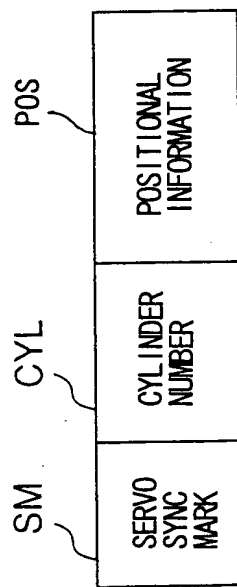


FIG. 5B

FIG.6

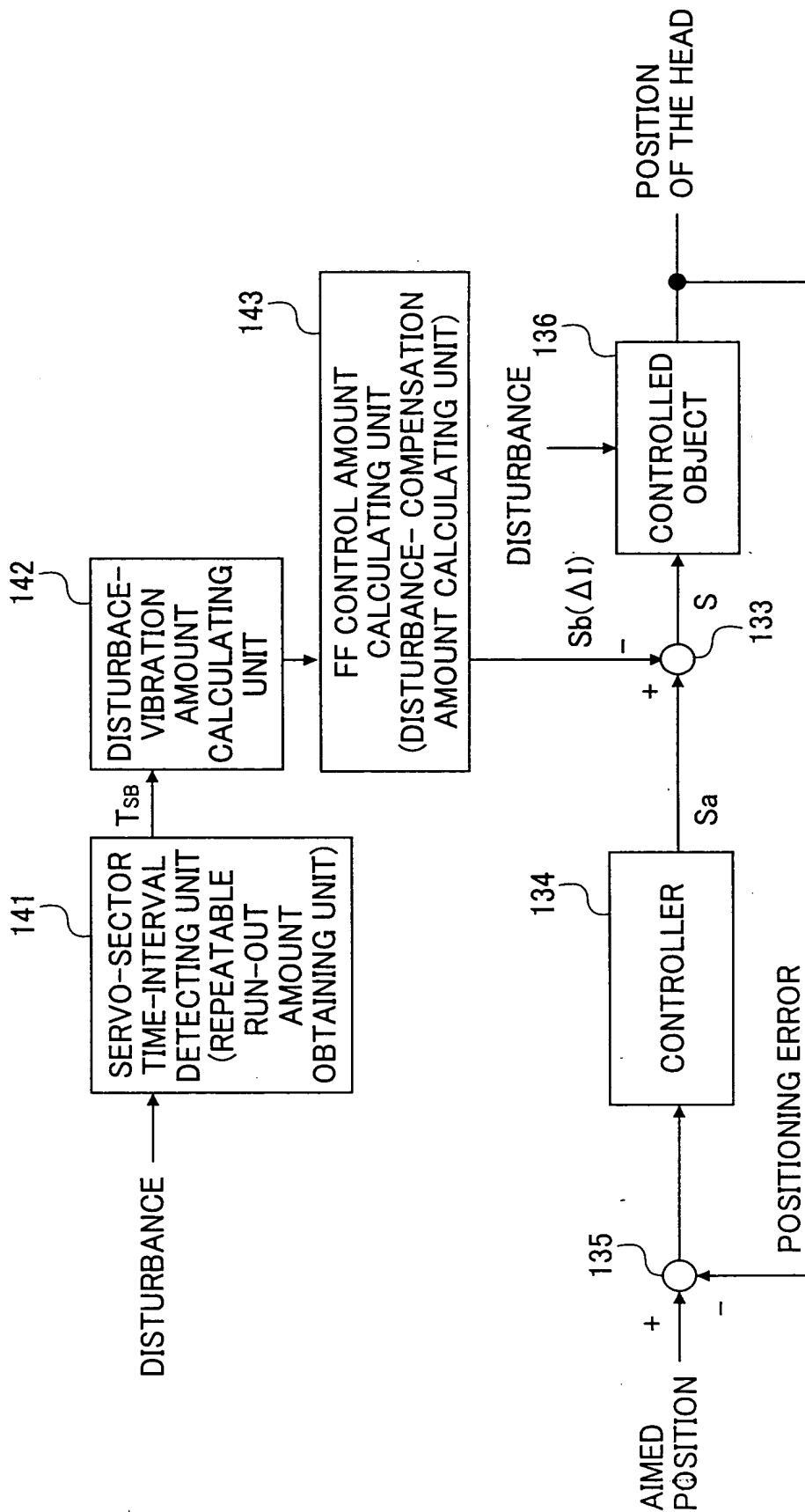


FIG. 7

FIG.7

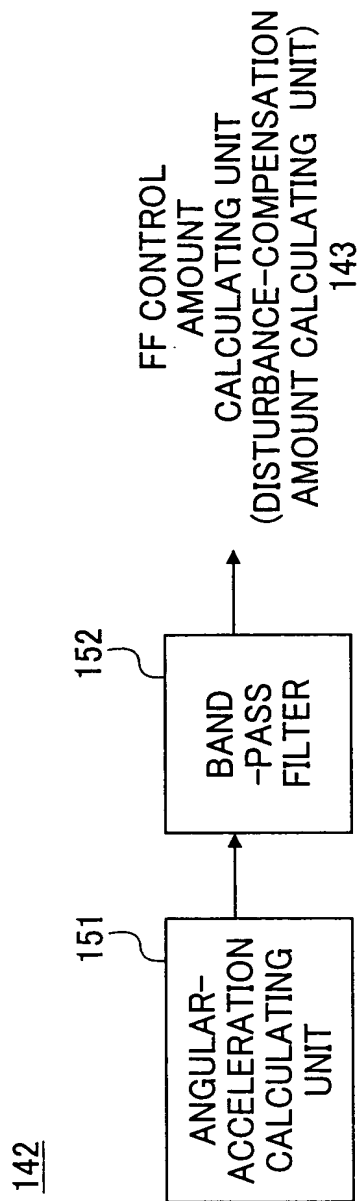


FIG. 8

FIG.8

142'

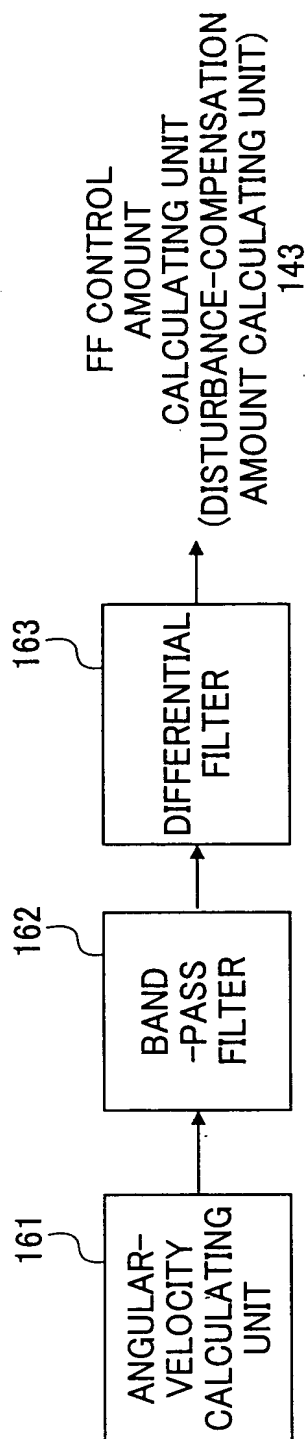
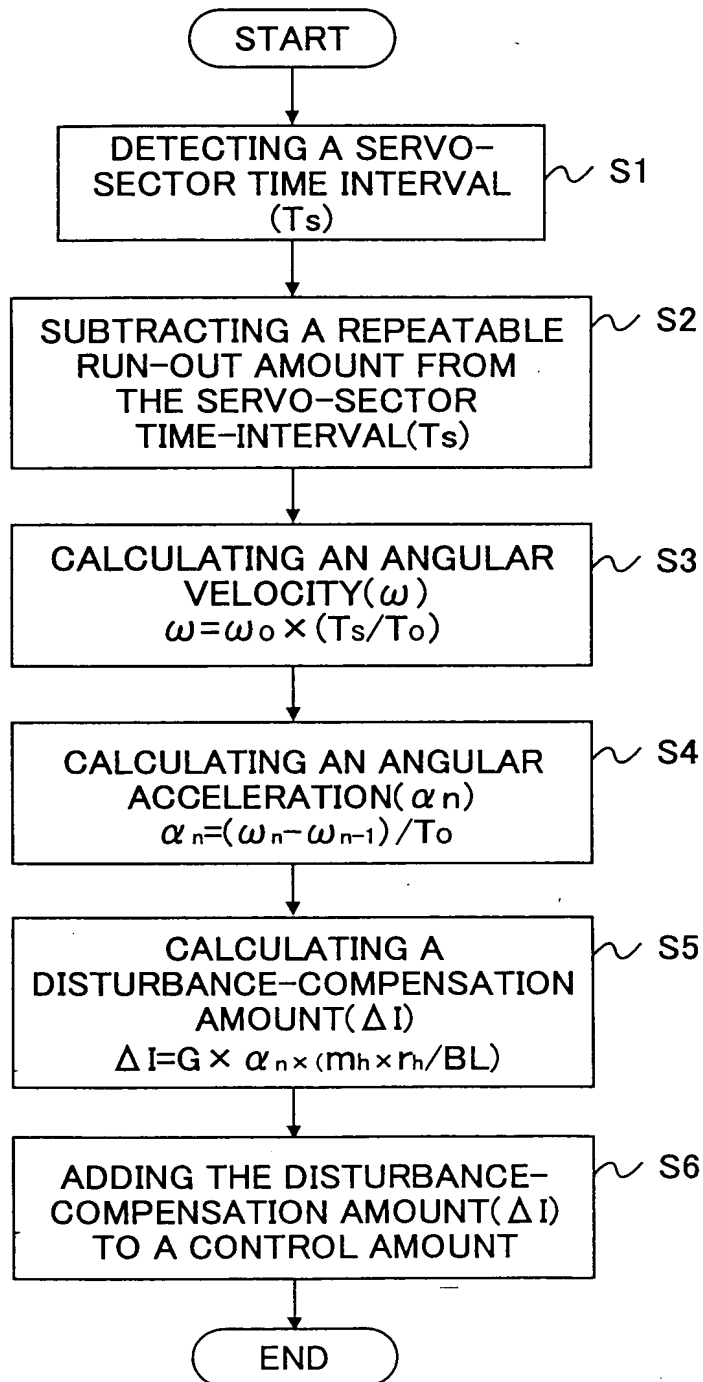




FIG.9



[illegible]

FIG. 10A

FLUCTUATIONS OF  
A SERVO-SECTOR  
INTERVAL TIME  
(51.2ns/div)

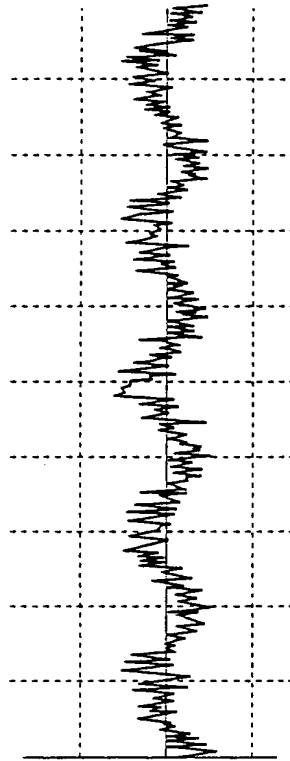
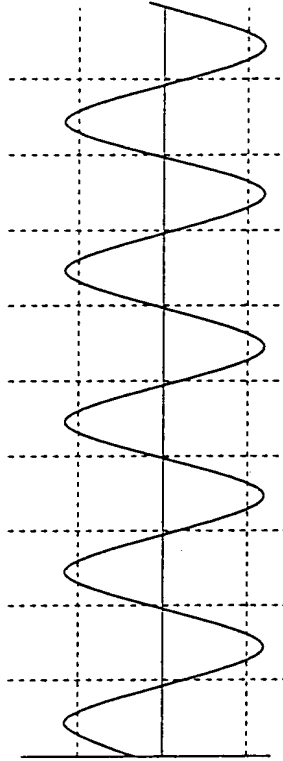


FIG. 10B

ROTARY  
EXCITATION  
(50rad/s<sup>2</sup>/div)



Time (5ms/div)

FIG. 11A      FIG. 11B      FIG. 11C

ONE ROTATION OF  
A SPINDLE

